

INTERNATIONAL SEARCH REPORT

1516

Application No
FILE 03/00523

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E05B27/00 E05B15/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 123 268 A (EIZEN NOACH) 23 June 1992 (1992-06-23) cited in the application the whole document ---	1-8
Y	US 2 629 249 A (MENDELSON BERNARD E) 24 February 1953 (1953-02-24) the whole document ---	1-8
A	US 2 283 489 A (PAUL CROUSORE RALPH) 19 May 1942 (1942-05-19) the whole document ---	1-8
A	US 4 577 479 A (WIDEN BO) 25 March 1986 (1986-03-25) the whole document ---	1-8
	--- -/--	

X Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

3 October 2003

Date of mailing of the international search report

10/10/2003

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer _____

Westin, K

INTERNATIONAL SEARCH REPORT

International Application No

PC/L 03/00523

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 762 193 A (HUCKNALL R) 2 October 1973 (1973-10-02) the whole document ----	1-8
A	US 2 202 329 A (SHOLOM BRAUNE) 28 May 1940 (1940-05-28) the whole document ----	1-8
A	DE 633 753 C (ZEISS IKON AKT.-GES.) 5 August 1936 (1936-08-05) the whole document ----	1
A	US 5 520 035 A (EIZEN NOACH ET AL) 28 May 1996 (1996-05-28) cited in the application the whole document -----	1

Best Available Copy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PATENT IL 03/00523

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5123268	A	23-06-1992	IL 90211 A	21-11-1991
			AT 100514 T	15-02-1994
			AU 621742 B2	19-03-1992
			AU 5450390 A	08-11-1990
			BR 9002107 A	13-08-1991
			CA 2016035 A1	05-11-1990
			CS 9002078 A2	13-08-1991
			DE 69006092 D1	03-03-1994
			DE 69006092 T2	11-05-1994
			DK 396492 T3	09-05-1994
			EP 0396492 A2	07-11-1990
			ES 2049960 T3	01-05-1994
			HK 69395 A	12-05-1995
			HU 57351 A2	28-11-1991
			JP 2296980 A	07-12-1990
			JP 2656844 B2	24-09-1997
			KR 9601857 B1	06-02-1996
			MX 172361 B	14-12-1993
			NO 901997 A	06-11-1990
			NZ 233548 A	28-10-1992
			PH 26949 A	03-12-1992
			PT 93920 A , B	30-04-1992
			SK 278260 B6	05-06-1996
			TR 27280 A	26-01-1994
US 2629249	A	24-02-1953	NONE	
US 2283489	A	19-05-1942	NONE	
US 4577479	A	25-03-1986	SE 428580 B	11-07-1983
			DK 484882 A , B,	03-05-1983
			GB 2108574 A , B	18-05-1983
			NL 8204212 A	01-06-1983
			SE 8106467 A	03-05-1983
US 3762193	A	02-10-1973	NONE	
US 2202329	A	28-05-1940	NONE	
DE 633753	C	05-08-1936	NONE	
US 5520035	A	28-05-1996	IL 104349 A	10-01-1997
			US 5784910 A	28-07-1998
			US 5839308 A	24-11-1998
			AP 447 A	17-01-1996
			AT 154089 T	15-06-1997
			AU 679946 B2	17-07-1997
			AU 5307394 A	14-07-1994
			BG 61702 B1	31-03-1998
			BG 98364 A	29-09-1995
			BR 9400056 A	26-07-1994
			CA 2112851 A1	09-07-1994
			CN 1093432 A , B	12-10-1994
			CZ 9400030 A3	13-07-1994
			DE 69311288 D1	10-07-1997
			DE 69311288 T2	18-12-1997
			DK 605932 T3	22-12-1997
			EG 20166 A	31-08-1997

Best Available Copy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC/L 03/00523

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5520035	A	EP 0605932 A2	13-07-1994
		ES 2105090 T3	16-10-1997
		FI 935816 A	09-07-1994
		GR 3024778 T3	30-01-1998
		HK 1001568 A1	26-06-1998
		HR 940013 A1	31-08-1996
		HU 67513 A2	28-04-1995
		JP 2905381 B2	14-06-1999
		JP 7011821 A	13-01-1995
		LT 1710 A ,B	15-07-1994
		LV 11119 A	20-04-1996
		LV 11119 B	20-08-1996
		MD 950105 A	28-06-1996
		MX 9400342 A1	31-08-1994
		NO 940052 A	11-07-1994
		NZ 250631 A	26-03-1996
		PL 301815 A1	11-07-1994
		PL 173669 B1	30-04-1998
		RO 113670 B	30-09-1998
		RU 2121557 C1	10-11-1998
		SG 47936 A1	17-04-1998
		SI 9400004 A ,B	30-09-1994
		SK 1894 A3	10-08-1994
		TR 28890 A	17-07-1997
		ZA 9309721 A	29-08-1994

Best Available Copy